

## EAST Search History

S30	4460	inflation and channel and catheter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/15 11:55
S31	21	inflation and channel and catheter and shaft and lumen and balloon and port	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/15 11:56
S32	4708	"guide wire" and "inflation" and catheter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/15 12:09
S33	2042	"guide wire" and "inflation" and catheter and balloon and seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/15 12:10
S34	1165	"guide wire" and "inflation" and catheter and balloon and seal	USPAT; USOCR	OR	OFF	2006/10/15 12:10
S35	0	(cathether and (shaft and baloon and wire)) and port and seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:47
S36	0	(cathether and (shaft and baloon and wire))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:47
S37	0	cathether and (shaft and baloon and wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:48

## EAST Search History

S38	13080	catheter and guidewire	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:48
S39	3311	S38 and balloon and shaft and inflation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 15:01
S40	3031	catheter and (inflation near\$2 lumen) and port same seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 15:02
S41	3603941	catheter and (inflation near\$2 lumen) and port near\$2 seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 15:02
S42	0	catheter same inflatin same lumen same port same flange same seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 15:03
S43	0	catheter same inflatin same lumen same port same seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 15:03
S44	268	catheter same inflation same lumen same port same seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 15:03

## EAST Search History

S45	19	("2109108"   "3624901"   "4166469"   "4306562"   "4394828"   "4581025"   "4631059"   "4687469"   "4748982"   "4762129"   "4870757"   "4988356"   "4997424"   "5058273"   "5104388"   "5140751"   "5188606").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 15:14
S46	2	("5322513").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/31 13:22
S47	2	(inflatio and lumen) and "604"/\$. ccls. and seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/31 13:22
S48	1946	"604"/\$.ccls. and seal and catheter and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/31 13:26
S49	10021	(catheter and balloon and seal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/30 18:28
S50	5240	(catheter and balloon and seal and inflation and lumen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/30 18:41
S51	16	(catheter and balloon and (seal near2 pierce\$3) and inflation and lumen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/30 18:41

## EAST Search History

S52	34	("3561445"   "4397091"   "4401433"   "4820271"   "5045061"   "5100381"   "5117831"   "5154725"   "5158548"   "5236424"   "5255690"   "5267982"   "5281203"   "5297346"   "5330466"   "5333609"   "5334148"   "5338300"   "5358493"   "5368564"   "5383923"   "5385562"   "5399164"   "5403274"   "5425711"   "5466222"   "5477856"   "5545136"   "5549553"   "5549554"   "5643296"   "5643297"   "5645533"   "5667488").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/30 18:45
S53	3916	((604/96) or (604/97) or (604/98) or (604/102) or (604/103) or (604/171) or (606/192) or (606/194)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/30 18:52
S54	177	"inflation port" with seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/30 19:07
S55	45	"inflation port" and seal with cover	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/30 19:07
S56	54	("1060665"   "2498692"   "2574840"   "2688329"   "2707958"   "3058473"   "3470876"   "3521620"   "3547103"   "3605725"   "3625200"   "3776222"   "3941119"   "4020829"   "4033331"   "4150676"   "4195637"   "4230123"   "4231715"   "4245624"   "4299227"   "4323071"   "4332254"   "4402307"   "4422447"   "4439185"   "4444188"   "4487206"   "4509945"   "4516972"   "4571239"   "4571240"   "4573470"   "4582181"   "4586923"   "4597755"   "4601705"   "4616652"   "4619263"   "4619274"   "4624657"   "4641654"   "4650467"   "D274470").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/30 19:21

## EAST Search History

S57	71	("3434869"   "3435826"   "3605725"   "3671490"   "3833004"   "3834394"   "3890976"   "4024873"   "4029104"   "4154244"   "4254774"   "4271839"   "4292947"   "4299226"   "4307722"   "4318410"   "4323071"   "4326532"   "4327709"   "4385635"   "4411055"   "4413989"   "4445892"   "4464176"   "4467790"   "4490421"   "4517979"   "4526175"   "4531512"   "4531943"   "4536179"   "4571240"   "4572186"   "4573470"   "4577637"   "4581017"   "4582181"   "4583974"   "4587975"   "4589412"   "4597755"   "4616648"   "4616653"   "4650466"   "4664113"   "4676249"   "4692148"   "4702252"   "4738666"   "4744366"   "4748982"   "4748984"   "4754752"   "4762129"   "4763654"   "4771776"   "4771777"   "4771778"   "4773901"   "4775371"   "4777510"   "4796629"   "4798586"   "4808164"   "4811737"   "4820270"   "4821722"   "4824436").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/30 19:27
S58	64	("4884573").URPN.	USPAT	OR	OFF	2007/11/30 19:29
S59	1386	vacuum and catheter and inflation and port and seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/07 00:14
S60	2268	(606/194).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/07 18:55
S61	2	("5334153").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/07 18:55

## EAST Search History

S62	36	("4000739"   "4029099"   "4062363"   "4205675"   "4327723"   "4327735"   "4362150"   "4424833"   "4430081"   "4483340"   "4551137"   "4564014"   "4582181"   "4613329"   "4634433"   "4638805"   "4657536"   "4684363"   "4692200"   "4696304"   "4714461"   "4715378"   "4726374"   "4748982"   "4759751"   "4767409"   "4793351"   "4811737"   "4821722"   "4844092"   "4846174"   "4917094"   "4930341"   "4983167"   "5114408"   "5149326").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 19:25
S63	0	vacuum and catheter and piercible and seal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 19:26
S64	45	vacuum and catheter and inflation adj seal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 19:28
S65	97	catheter and inflation adj seal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 19:30
S66	2513	"inflation lumen" and seal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 19:31
S67	2352	"inflation lumen" and seal and catheter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 20:00
S68	14	"inflation lumen" and pierceable and seal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 20:02
S69	0	cathether with pierceable adj seal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 20:02
S70	2	catheter with pierceable adj seal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 20:03
S71	19868	catheter and seal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 20:06
S72	2842	((606/193) or (606/194) or (606/195) or (606/196)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/08 22:01

## EAST Search History

S73	2	("5738664").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/08 22:01
S74	7	("5000745"   "5053014"   "5084023"   "5104389"   "5407434"   "5460616"   "5498247").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/08 22:06
S75	2572	((604/158) or (604/164) or (604/167) or (604/169) or (604/156) or (604/246) or (604/250) or (604/256)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/08 22:10
S76	84	S75 and inflation and lumen and seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/08 22:10
S77	26	("4456000"   "4496345"   "4573470"   "4597755"   "4646742"   "4729914"   "4762129"   "4798586"   "4819751"   "4820349"   "4846174"   "4877031"   "4884573"   "4896670"   "4906241"   "4917088"   "4921483"   "4943278"   "4946466"   "4960410"   "4964409"   "4976690"   "4981478"   "4998923"   "5047045"   "5100381").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/08 22:44
S78	2	("5106360").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/08 22:44

## EAST Search History

S79	36	("4000739"   "4029099"   "4062363"   "4205675"   "4327723"   "4327735"   "4362150"   "4424833"   "4430081"   "4483340"   "4551137"   "4564014"   "4582181"   "4613329"   "4634433"   "4638805"   "4657536"   "4684363"   "4692200"   "4696304"   "4714461"   "4715378"   "4726374"   "4748982"   "4759751"   "4767409"   "4793351"   "4811737"   "4821722"   "4844092"   "4846174"   "4917094"   "4930341"   "4983167"   "5114408"   "5149326").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/08 23:10
S80	3378	((606/192) or (606/194) or (604/96) or (604/97) or (604/98) or (604/99) or (604/100) or (604/101)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/08 23:11
S81	251	catheter with vacuum adj source	USPAT	OR	OFF	2007/12/09 11:46
S82	75	("4445509"   "4589412"   "4631052"   "4679558"   "4686982"   "4696667"   "4700705"   "4747821"   "4749376"   "4762129"   "4775371"   "4790813"   "4842579"   "4857045"   "4883458"   "4898575"   "4957482"   "5009659"   "5030201"   "5042984"   "5049124"   "5074841"   "5087265"   "5097849"   "5114399"   "5120308"   "5135483"   "5195956"   "5209727"   "5224945"   "5267955"   "5273526"   "5282484"   "5284486"   "5314407"   "5358472"   "5366463"   "5368603"   "5370609"   "5385152"   "5395311"   "5402790"   "5409454"   "5423742"   "5429136"   "5496267"   "5632755"   "5665098"   "5665103"   "5681336"   "5779721"   "5836892"   "5868767"   "5879361"   "5882329"   "5941894"   "5947985"   "5954745"   "5976153"   "6017319"   "6074407"   "6080170"   "6093157"   "6126667"   "6135991"   "6217567"   "6235042"   "6264672"   "6296616"   "6319244"   "6344049"   "6436056"   "6482217"   "6547788"   "6652480").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/09 12:09



## EAST Search History

S83	9506	((606/159) or (606/113) or (606/127) or (606/167) or (606/170) or (606/180) or (606/192) or (606/194) or (604/22)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/09 12:16
S84	6615	((606/159) or (606/113) or (606/127) or (606/167) or (606/170) or (606/180) or (606/192) or (606/194) or (604/22)).CCLS.	USPAT	OR	OFF	2007/12/09 12:16
S85	5411	((606/19) or (606/21) or (606/34) or (606/148) or (606/155) or (606/164.05) or (606/164.07) or (606/114) or (606/176) or (606/192) or (606/198) or (606/215)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 08:58
S86	8399	((604/96.01-106) or (606/192-198)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 09:03
S87	28	("4285341"   "4503569"   "4878906"   "4994032"   "5439447"   "5466222"   "5569219"   "5571089"   "5634902"   "5637086"   "5667521"   "5782811"   "5836925"   "5855563"   "5968068"   "5989218"   "6021340"   "6117106"   "6254611"   "6319244"   "6319275"   "6322577"   "6371961"   "6425898"   "6482171"   "6506180"   "6544230"   "6544276").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 13:09
S88	26	("4456000"   "4496345"   "4573470"   "4597755"   "4646742"   "4729914"   "4762129"   "4798586"   "4819751"   "4820349"   "4846174"   "4877031"   "4884573"   "4896670"   "4906241"   "4917088"   "4921483"   "4943278"   "4946466"   "4960410"   "4964409"   "4976690"   "4981478"   "4998923"   "5047045"   "5100381").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/12 15:31
S89	12	("2862497").URPN.	USPAT	OR	OFF	2007/12/12 15:50

## EAST Search History

S90	22	("20010049464"   "20020045893"   "20020095114"   "20020177804"   "5106360"   "5167622"   "5342305"   "5417687"   "5611767"   "5662580"   "5863285"   "5913813"   "5931774"   "6022308"   "6083148"   "6251059"   "6413204"   "6458069"   "6482142"   "6673006"   "6923754"   "6955641").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/12 15:52
S91	0	("7214178").URPN.	USPAT	OR	OFF	2007/12/12 15:53
S92	0	("7214178").URPN.	USPAT	OR	OFF	2007/12/12 15:53
S93	22	("20010049464"   "20020045893"   "20020095114"   "20020177804"   "5106360"   "5167622"   "5342305"   "5417687"   "5611767"   "5662580"   "5863285"   "5913813"   "5931774"   "6022308"   "6083148"   "6251059"   "6413204"   "6458069"   "6482142"   "6673006"   "6923754"   "6955641").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/12 15:53
S94	17	("20010049464"   "20020045893"   "20020095114"   "5106360"   "5342305"   "5417687"   "5611767"   "5662580"   "5863285"   "5913813"   "5931774"   "6022308"   "6083148"   "6413204"   "6458069"   "6482142"   "6673006").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/12 15:53
S95	7	vacuum and catheter and planar adj seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 16:10
S96	5303	((604/195) or (604/192) or (604/187) or (604/198) or (604/263) or (604/110)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 16:11
S97	49	S96 and inflation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 16:11

## EAST Search History

S98	12	((("6960199") or ("4610665") or ("4177814") or ("4430081") or ("5637086") or ("6503223")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 10:21
S99	1082	lumen with cap and seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 10:21
S100	274	lumen with cap and seal and inflation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 10:41
S101	25	("4323071"   "4464175"   "4776347"   "4781681"   "4793351"   "4850953"   "4857062"   "4911163"   "5045061"   "5061273"   "5080654"   "5100381"   "5158540"   "5224933"   "5267982"   "5273534"   "5295969"   "5300034"   "5324262"   "5324271"   "5330451"   "5338299"   "5344399"   "5409463"   "5464394").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/14 10:38
S102	10449	balloon and catheter and (inflation or infusion or vacuum) and (seal or pierce\$3 or cap)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 10:46
S103	3284	S102 and guide adj wire	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 10:46
S104	447634	S102 and guide adj wire and proximal an distal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 10:49

## EAST Search History

S10 5	3066	S102 and guide adj wire and proximal and distal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 10:49
S10 6	2985	S102 and guide adj wire and proximal and distal and lumen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 10:49
S10 7	5	S102 and guide adj wire and proximal and distal and lumen and cap adj seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 10:49
S10 8	8	("4126134"   "4545367"   "5112304"   "5114403"   "5167239"   "5171297"   "5185004"   "5338299").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/14 10:55
S10 9	4721	((604/96) or (604/97) or (604/98) or (604/99) or (604/100) or (604/101) or (604/102) or (604/103) or (604/280) or (604/283) or (606/191) or (606/192) or (606/194) or (606/195)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/14 17:19